Title (en)

METHOD OF REMOVING SUSPECTED SECTION OF TRACK

Title (de)

VERFAHREN ZUR ENTFERNUNG EINES VERDÄCHTIGEN GLEISABSCHNITTES

Title (fr)

PROCÉDÉ PERMETTANT DE SUPPRIMER UN TRONÇON SUSPECT D'UNE VOIE

Publication

EP 2938529 A4 20170125 (EN)

Application

EP 13866609 A 20131212

Priority

- US 201213727095 A 20121226
- IB 2013060889 W 20131212

Abstract (en)

[origin: US8751072B1] A method of removing a suspected section from a record includes obtaining an estimated distance between a communicating vehicle and a block boundary of a first block and a second block of a track. The suspected section is defined as a section of the first block between a communicating vehicle and a block boundary of the first block and the second block. An occupancy status of the second block is obtained. The suspected section is removed from the record after, for a predetermined time period, (a) the estimated distance remains less than a predetermined threshold distance and (b) the occupancy status of the second block remains a vacant state, the predetermined time period being a non-zero time period.

IPC 8 full level

B61L 27/00 (2006.01); **B61L 1/16** (2006.01); **B61L 23/14** (2006.01)

CPC (source: EP US)

B61L 1/162 (2013.01 - EP US); **B61L 23/14** (2013.01 - EP US); **B61L 27/20** (2022.01 - EP US); **B61L 27/37** (2022.01 - EP US); B61L 1/169 (2013.01 - EP US); B61L 2027/204 (2022.01 - EP US)

Citation (search report)

- [A] EP 0822909 A1 19980211 - WESTINGHOUSE BRAKE & SIGNAL [GB]
- [A] US 4361301 A 19821130 - RUSH DONALD L
- [A] US 2009143928 A1 20090604 - GHALY NABIL N [US]
- [A] EP 0410218 A2 19910130 - AEG WESTINGHOUSE TRANSPORT [US]
- [A] US 3979092 A 19760907 - PERRY ROBERT H, et al
- See references of WO 2014102647A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

US 2014180509 A1 20140626; **US 8751072 B1 20140610**; BR 112015015183 A2 20180130; CA 2893544 A1 20140703; CA 2893544 C 20160809; CN 105392685 A 20160309; CN 105392685 B 20161116; EP 2938529 A1 20151104; EP 2938529 A4 20170125; EP 2938529 B1 20180328; HK 1216736 A1 20161202; JP 2016505446 A 20160225; JP 5904658 B2 20160413; KR 101615214 B1 20160425; KR 20150106880 A 20150922; MY 187922 A 20211028; WO 2014102647 A1 20140703

DOCDB simple family (application)

US 201213727095 A 20121226; BR 112015015183 A 20131212; CA 2893544 A 20131212; CN 201380072776 A 20131212; EP 13866609 A 20131212; HK 16104798 A 20160427; IB 2013060889 W 20131212; JP 2015550171 A 20131212; KR 20157016559 A 20131212; MY PI2015702122 A 20131212